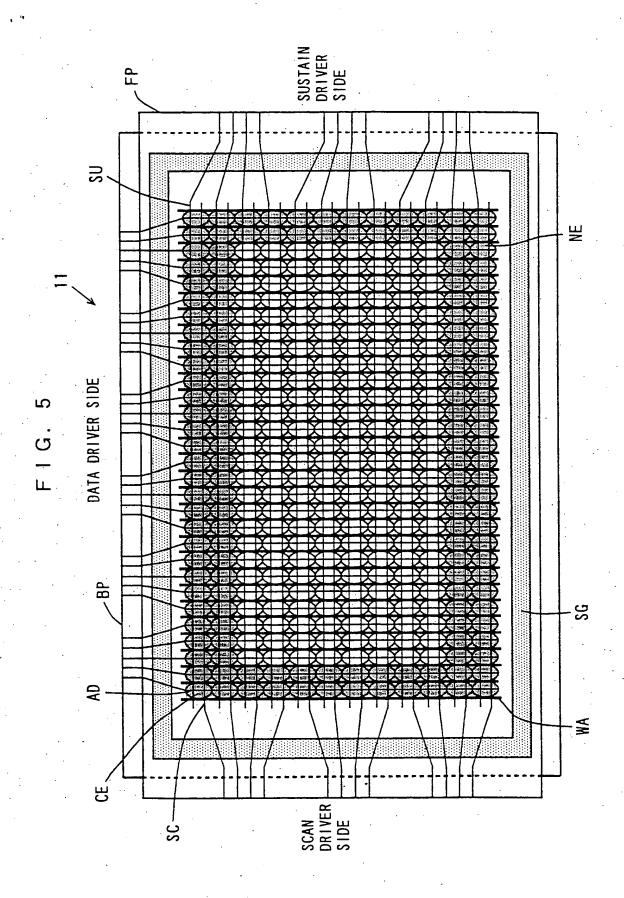


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F1G. 6

| GRAY SCALE<br>LEVEL | SF1    | SF2     | SF3    | SF4   | SF5  | SF6 | SF7 | SF8 |
|---------------------|--------|---------|--------|-------|------|-----|-----|-----|
| 0                   |        |         |        |       | •    |     | ·   |     |
| 1                   | 0      |         |        |       |      |     |     |     |
| 2                   |        | 0       |        |       |      |     |     |     |
| 3                   | 0      | . O.    |        |       |      |     |     |     |
| 4~7                 | SAME A | S 0~3   | 0      |       |      |     |     |     |
| 8~15                | SAM    | E AS O  | ~7     | 0     |      |     |     |     |
| 16~31               |        | SAME AS | 0~15   | j     | - () |     |     |     |
| 32~63               |        | SAME    | AS O   | ~31   |      | 0   |     |     |
| 64~127              |        | S       | AME AS | 0~63  |      |     | .0. |     |
| 128~255             |        |         | SAME   | AS 0~ | -127 |     |     | 0   |

FIG. 7

NUMBER OF LIGHT EMITTING PULSES

| •                                         |     |     |     |     |     |     |     |     |       |
|-------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| LIGHT EMITTING<br>PULSE CONTROL<br>SIGNAL | SF1 | SF2 | SF3 | SF4 | SF5 | SF6 | SF7 | SF8 | TOTAL |
| LIGHT EMITTING<br>FORMAT A                | 5   | 10  | 20  | 40  | 80  | 160 | 320 | 640 | 1275  |
| LIGHT EMITTING<br>FORMAT B                | 4   | 8   | 16  | 32  | 64  | 128 | 256 | 512 | 1020  |
| LIGHT EMITTING<br>FORMAT C                | 3   | - 6 | .12 | 24  | 48  | 96  | 192 | 384 | 765   |
| LIGHT EMITTING<br>FORMAT D                | 2   | .4  | 8   | 16  | 32  | 64  | 128 | 256 | 510   |
| LIGHT EMITTING<br>FORMAT E                | 1   | 2   | · 4 | 8   | 16  | 32  | 64  | 128 | 255   |

FIG. 8

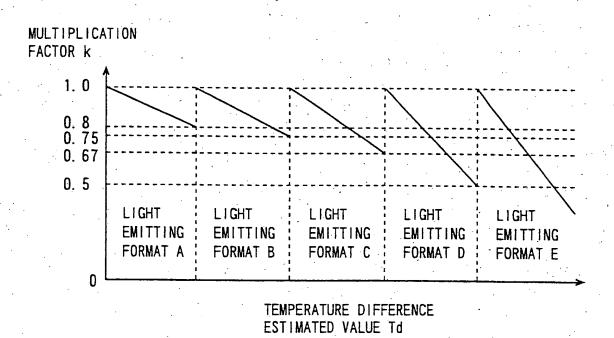


FIG. 9

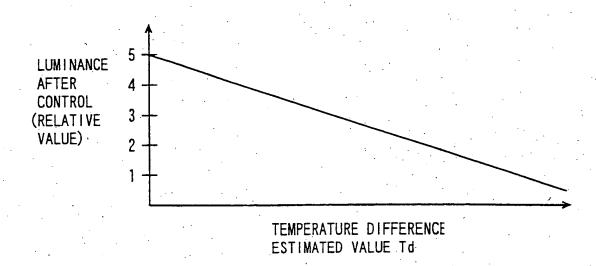


FIG. 10

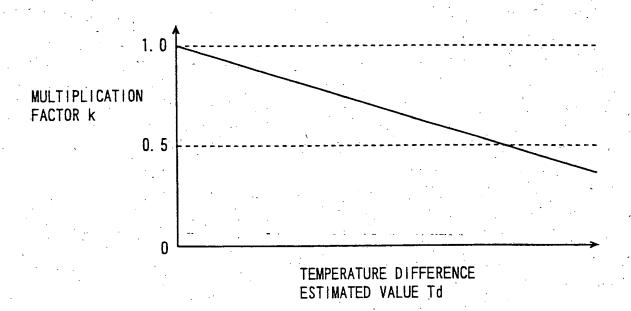
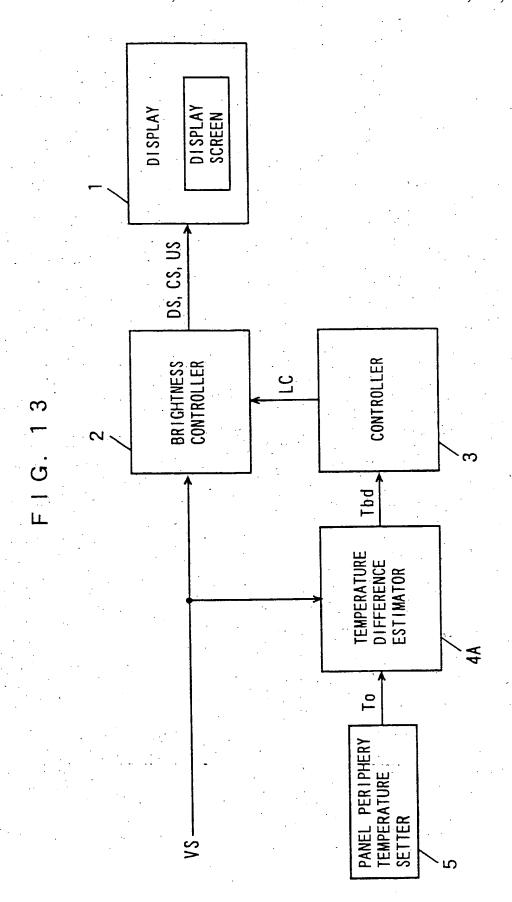


FIG. 11

| 0. 5 | 0. 5 | 0. 5 | 0. 5 | 0. 5 |
|------|------|------|------|------|
| 0. 5 | 1    | 1    | 1    | 0. 5 |
| 0. 5 | 1    | 1    | 1    | 0. 5 |
| 0. 5 | 1    | 1    | 1    | 0. 5 |
| 0. 5 | 0. 5 | D. 5 | 0. 5 | 0. 5 |

FIG. 12

| 0. 5 | 0. 5  | 0. 5  | 0. 5  | 0. 5 |
|------|-------|-------|-------|------|
| 0, 5 | 0. 75 | 0. 75 | 0. 75 | 0. 5 |
| 0. 5 | 0. 75 | 1     | 0. 75 | 0. 5 |
| 0. 5 | 0. 75 | 0. 75 | 0. 75 | 0. 5 |
| 0. 5 | 0. 5  | 0. 5  | 0. 5  | 0. 5 |



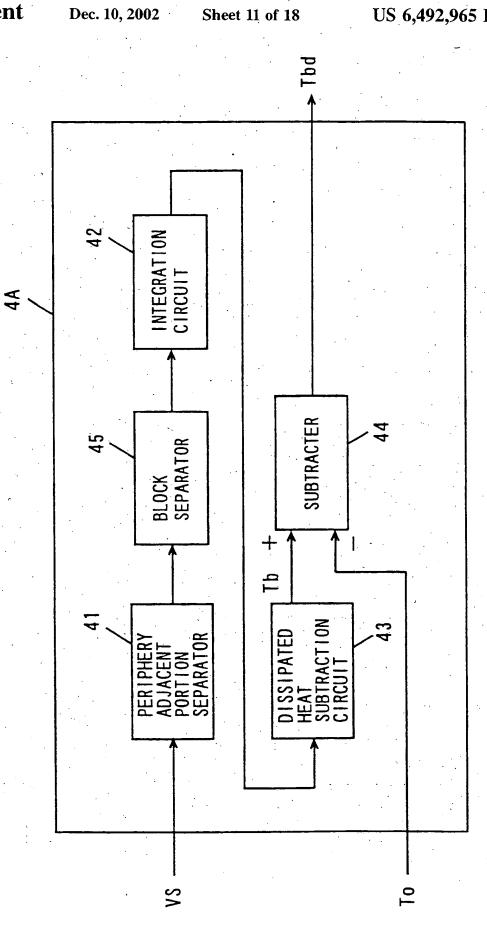


FIG. 15

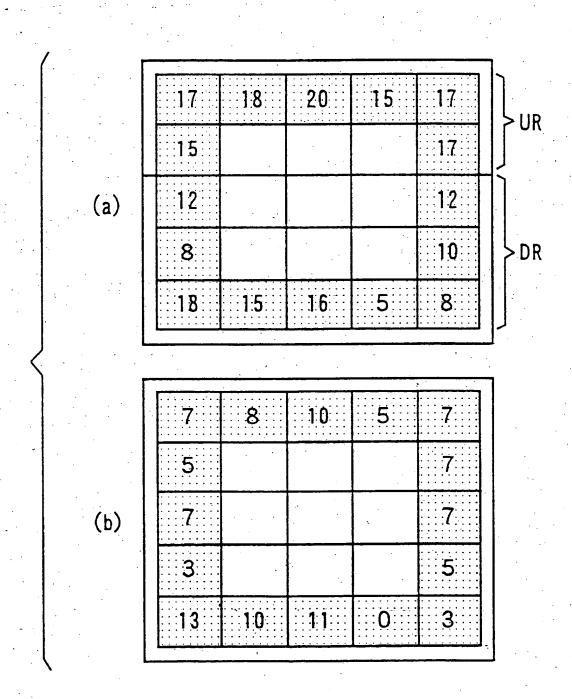


FIG. 16

| r   |           |                                       |       |          |        |
|-----|-----------|---------------------------------------|-------|----------|--------|
|     | 0         | 0                                     | 20    | 0        | 0      |
|     | 0         |                                       |       |          | 0      |
| (a) | 20        |                                       |       |          | 20     |
|     | 0         |                                       |       |          | 0      |
|     | 0         | 0                                     | 20    | 0        | 0      |
|     |           | · · · · · · · · · · · · · · · · · · · | · · · |          |        |
|     |           | •                                     |       |          |        |
|     | 1         | 1                                     | 0. 5  | <b>1</b> |        |
|     | 1         | 1                                     | 0.5   | 1        |        |
| (b) | 1<br>0. 5 | 1                                     | 0. 5  |          | 1 0. 5 |
| (b) | 0. 5      | 1                                     | 0.5   | 1        | 0. 5   |

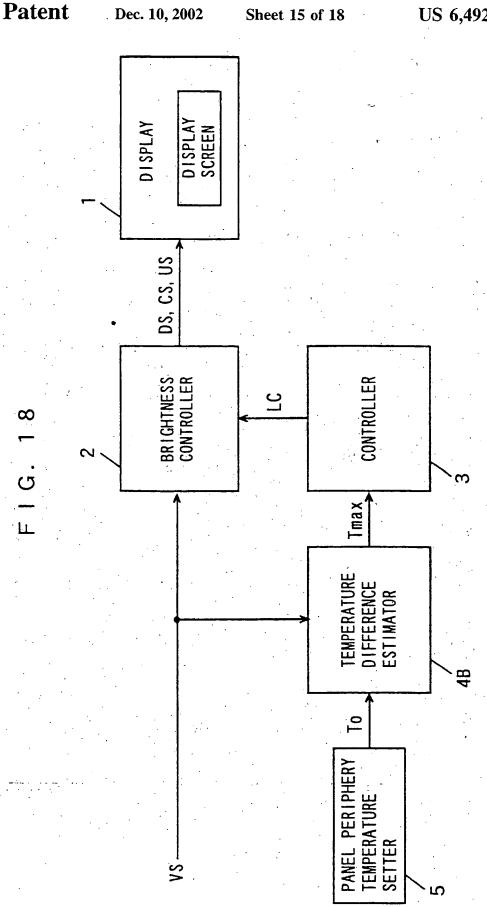
FIG. 17

|     | 0  | 0 | 20 | 0 | 0  |
|-----|----|---|----|---|----|
|     | 0  | • |    |   | 0  |
| (a) | 20 |   |    |   | 20 |
| -   | О  |   |    |   | 0  |
|     | О  | 0 | 20 | 0 | 0  |

| 0   | 10 | 20  | 1.0 | 0  |
|-----|----|-----|-----|----|
| 1.0 |    |     |     | 10 |
| 20  |    | : . |     | 20 |
| 10  |    |     |     | 10 |
| 0   | 10 | 20  | 10  | 0  |

(b)

|     | 11    | 0. 75 | 0.5  | 0. 75 | ::: <b>1</b> :::: | Ì |
|-----|-------|-------|------|-------|-------------------|---|
|     | 0. 75 |       |      |       | 0. 75             |   |
| (c) | 0. 5  |       | -    |       | 0. 5              |   |
|     | 0. 75 |       |      |       | 0. 75             |   |
|     | 1     | 0. 75 | 0. 5 | 0.75  | <b>1</b>          |   |



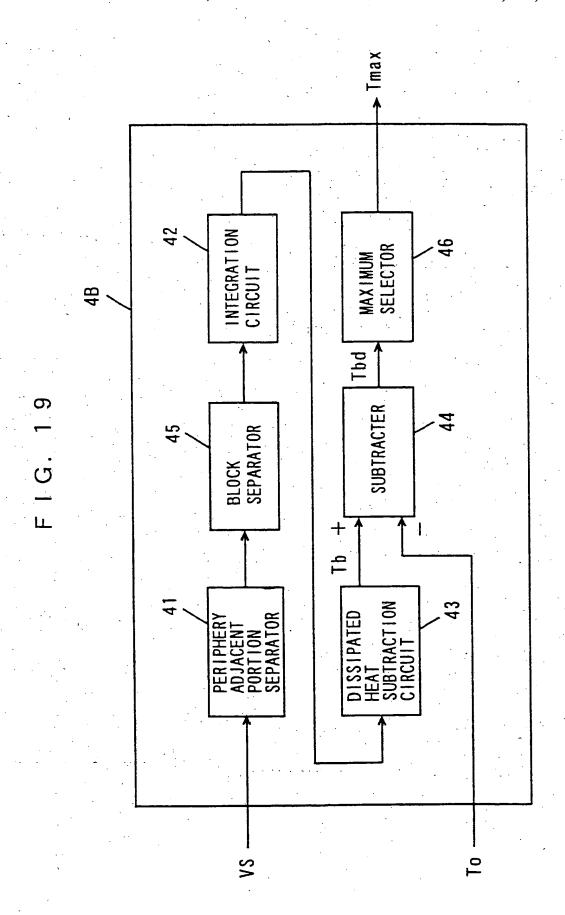


FIG. 20

|      | 17 18 | 20 15 | 17 |
|------|-------|-------|----|
| \$ . | 15    |       | 17 |
| (a)  | 12    |       | 12 |
|      | 8     |       | 10 |
| *:   | 18 15 | 16 5  | 8  |
| •    |       |       |    |
| · .  | 7 8   | 10 5  | 7  |
|      | 5     |       | 7  |
| (b)  | 7     |       | 7  |
| - ·  | 3     |       | 5  |
|      | 13 10 | 11 0  | 3  |
|      |       |       |    |
|      | 13 13 |       | 13 |
|      | 13 13 | 13 13 | 13 |
| (c)  |       |       |    |
| (6)  | 13    |       | 13 |
|      | 13    |       | 13 |
|      | 13 13 | 13 13 | 13 |

